S10W User Manual

Knowing the camcorder

➢ Part names[1]

1.USB jack
2.Start/Stop/Power/Shutter button
3.Busy indicator light
4.Speaker
5.Microphone
6. OK button
7.Up/Wi-Fi button
8.Mode button
9.Menu button
10.Down button
11.LCD screen
12.Lens
13.TF card slot

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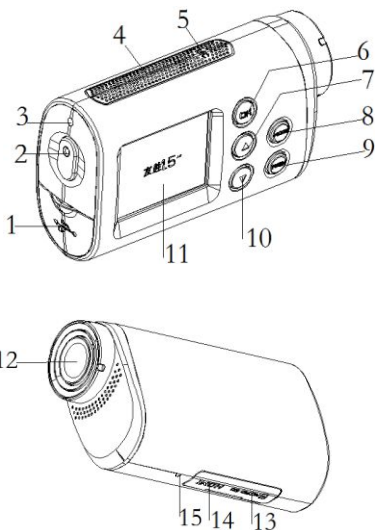
[1] All images and illustrations given in this manual are for explanation purpose and may differ slightly from the actual product.
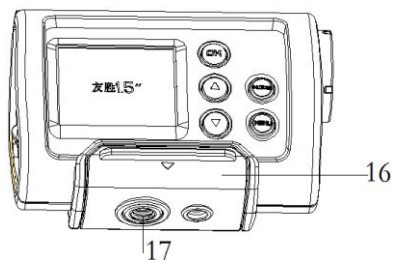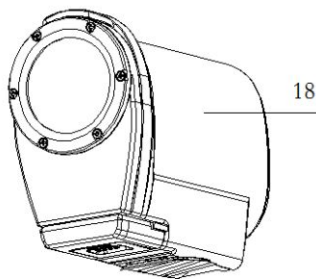
14.HDMI jack
15.Reset
16.Bracket
17.Tripod slot
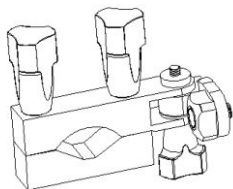18.Water resistant case

Part 16 and part 18 are protectors for the camcorder, it not only can keep your sportive clean, but also can protect your sport camcorder from some damages, and because of the tripod slot , it's convenient fix to a bike or a helmet, the detail refers to the following pages.

➢ **Installing mounts[2]**

In order to use the camcorder more convenient in outdoor sports or in under water situations, We have provide some mounts to fix the camcorder to solve it .

There are two kinds of mounts packaged in this the camcorder.
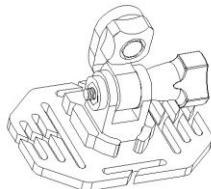
      a   b

By installing these mounts, the camcorder can fix to bikes or helmets.
The operating steps as follow:

Fix the sportive camcorder to a bike

1. Find the water resistant case or the bracket, and put the camcorder

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[2] In this paragraph, all camcorders in images are used the water resistant, and the bracket also can make it in the same way.

into it, then lock it .

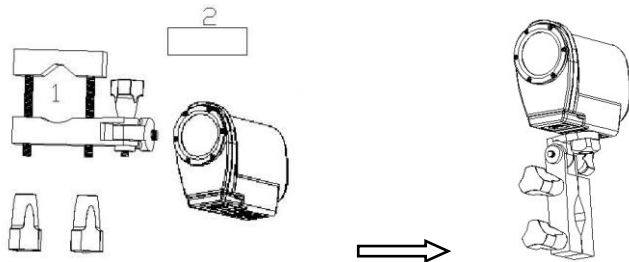2. Find the mount a , open the round of the mount (1) , and put the rubber pad(2) into it, then use the screw to fix them roughly.

3. Fix the metal screw of the mount to the tripod slot of the camcorder respectively.

4. Fix them to handlebars of the bike, and adjust the screws to make the camcorder more steady and convenient.

Fix the sportive camcorder to a helmet

1. The same way to wear the water resistant case for your camcorder.

2. Find the mount b , then you can fix the metal screw of the mount to the tripod slot of the camcorder.
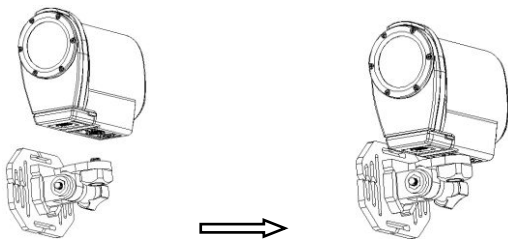
3:After fixing the camcorder to the mount , you need to choose which way to fix them to the helmet.

a: Using a strap.　Insert a strap into the two ends of the mount, adjust length according to helmet's size, and then you can use the strap fix to your helmet.

b :using a sticker　Use the side of sticker paste to the mount, and the other side paste to your helmet.

NOTES:

● It will record no sounds when using the water resistant case .

● when used underwater, water resistant case with spray or drops is a normal phenomenon.

● Recording at once after using it in water may cause the recording files is blurry.

Preparing before using

➢ **Charging the camcorder**

The camcorder has an internal lithium-ion battery, please charge it for the first time use.

1.Turn off the camcorder.

2.Connect the USB cable to the power adapter, and then plug the power adapter into a power outlet.

3. Open the USB cover at the side of the camcorder, and find the USB jack in it .

4. Connect the other side of the USB cable to the USB jack of the camcorder .

5. During charging , the busy indicator light turns red, once the battery is fully charged , the busy indicator light will turn off .

6. It's normal that the camcorder will become warm after extend using.

7. Don't use the power adapter output current is below 1A.

8. Over heat of the camcorder, please turn it off.

➢ **Inserting the TF card**

Before using this camcorder , a TF card(at least class 4) that can save your video files and images is necessary prepared .

1.Find the SD card cover at the bottom of the camcorder.

2.Open it and find the TF card slot in it , then put the TF card into the slot as shown, making sure that the direction in the card is the same with in the slot cover.

3.If it's inserted successfully , you will hear a litter clear buzzer.
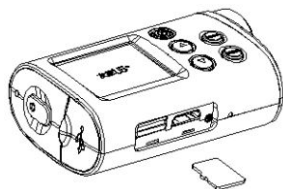
TIPS: The camcorder can not record without a TF card.

Basic operation

➢ **Turning the camcorder on and off .**

1．Turning on the camcorder

Long press the Power/shutter button to turn on the camcorder .

2. Turning off the camcorder

Long press the power/shutter button again to turn off the camcorder.

Normally, the busy indicator light always keep blue after turning on the camcorder, but when turning on and turning off the camcorder and other movement, the busy indicator light will flash.

➢ **Switching the mode**

The camcorder has three type of modes:video mode, capture mode, playback mode. After turning on the camcorder , press the shutter button to end it ,then press the mode button to switch between these modes.

📹	Video mode	Recording movie clips
📷	Capture mode	Taking still images
▶	Playback mode	Viewing the recorded files

➢ **Recording movie clips**

1. Normally, after long pressing the power/shutter button to turn on the camcorder, it starts to record movie clips automatically . If in other mode ,press the mode button to switch the camcorder to video mode , the screen shows as below:
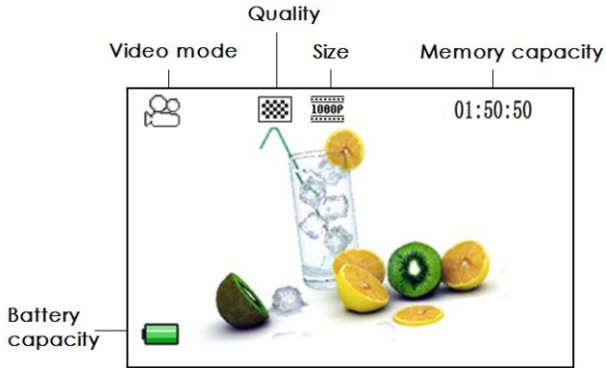
2. Use the screen to view the object that you want to record.

3. Press the shutter button to start recording, and after pressing the shutter button ,you will see the interface as below:

Recording   Recorded time

•REC   00:00:08
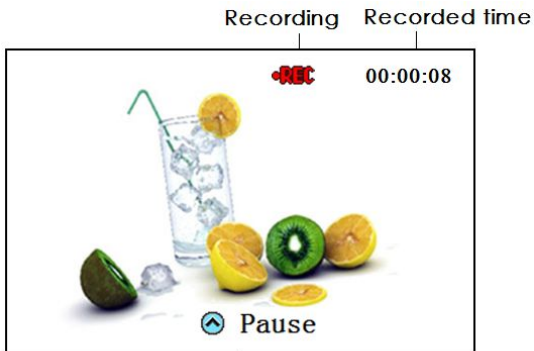
⌃ Pause

UP button for a pause

4. Press the **UP** button to have a pause, repeat it to recovery.

5. Press the **DOWN** button to enter the power save mode, and the screen is totally black. During this time, it still stay recording movie clips. Press it again to recovery.

6. Pressing the **OK** button to capture a still image while recording movies, and the icon "capture done" will show on the screen.

7.Press shutter button again to stop recording .

8. After exit the recording , Press the **UP** button to enter the Wi-Fi connection mode, the detail use refers to Wi-Fi connecting.

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➢ **Taking still images**

1. Press the mode button to switch the camcorder to capture mode 📷, the on-screen will show as below:
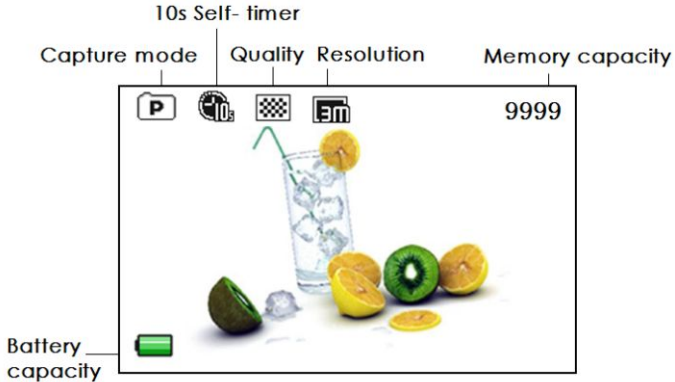
2. Use the screen to view the object that you want to take, then press the **SHUTTER** or the **OK** button to capture it .

3. Press the **DOWN** button to enter the power save mode, and the screen is totally black.

4. Press the **UP** button to enter the Wi-Fi connection mode, the detail

use refers to Wi-Fi connecting.

➤ **playback**

All recorded videos and images are saved in the TF card, only after inserting the TF card you can view the recorded files .

1. Press the mode button to enter the playback mode▶️, and you will see the interface as shown in blow picture.

2. Press the **UP** and **DOWN** button to view all the files. The first file you have saw is the the last recorded file.

3. When viewing images, press the **OK** button to start the slide show, press the **MENU** button to exit.

Playback mode

2/9 — Sequence of current file/the number of total files

Format
🐾 Video
🅿 Photo

UP Play/Paus Menu
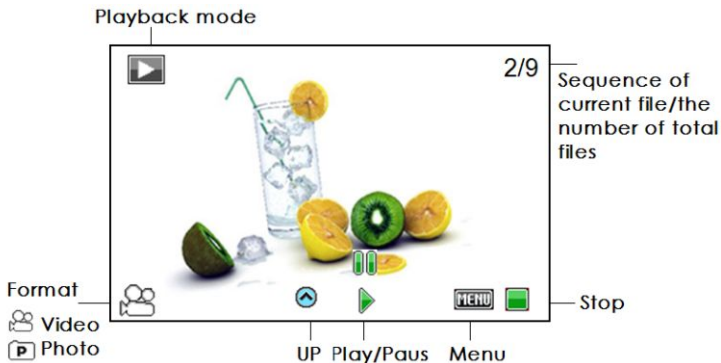
Stop

4. When playing video files, press the **OK** button to start playing, press the **UP** button to have a pause, at last, press the **MENU** button to stop replaying .

Setup menu

Function of buttons.

Button	Function
Menu	Enter the main menu, exit, back to the last menu

Up/down	View all the setting options
Mode	switch between all the submenu options
OK	Enter the submenu , Ensure the settings

➢ **Settings for the camcorder**

Press the menu button in any mode, then press the mode button to switch into the setup menu 🔧.

Menu	Function and options
Sounds	Set all the sounds for the camcorder .
	Shutter : [on]/[off]
	Start up: [1]/ [2] /[3]/[None]
	Beep : [on]/[off]
	Volume :[0]/[1]/[2]/[3]
Backlight	Set the backlight :
	[On]/[Off]
Power frequency	Light Frequency should be setted depending on your region:
	[50Hz]/[60Hz]

Power save	To save power, using this function ,the camcorder will turn off automatically after a period of time. [Off]/[1 min]/[3min]/[5min]
Date & time	Set the date and time for the camcorder .
Language	Set a on-screen language: [EN]/[FR]/[NL]/[ES]/[IT]/[PT]/[DE]
USB	Extend other functions by using USB. [MSDC]:choose this option to enter the storage mode when connecting to a computer. [PICTbridege]:choose this option to print files when connecting to a printer marked with the pictbridge logo. [UVCH264]:choose this function to set it as a PC camera when connecting to a computer. And the recorded file is H264. [UVCMJPG]:choose this function to set it as a PC camera when connecting to a computer. And the recorded file is MJPG.

Format	Delete all date including protected files. It is advised to download important files to a computer before formatting. [Yes]/[No]
Reset all..	To reset the entire menu and button operation settings to initial default. [Yes]/[No]

➢ Settings in video mode

Menu	Function and options
Movie size	Changing the video resolution for the recording. Select small movie size to record longer time. There are four options: [1920*1080(@30fph)]/[1280*720(@60fph)]/[1280*720(@30fph)]
Format	Choose a format of the video: [AVI]/[MOV]
Video	Select a lower image quality to decrease the image

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quality	size in order to take more images. There are three options for choice:
	[Super fine]/[fine]/[normal]
White balance	Adjust the white balance to suit different light sources. There five items for option:
	[auto]/[daylight]/[cloudy]/[tungsten]/[fluor]
Metering	Change the metering method to change the brightness of the picture.
	[Center]/[Multi]/[Spot]
Effect	Set the color effect to add a color tone to the video:
	[Normal]/[b&w]/[sepia]/[negative]/[red]/[green]/[blue]
Seamless	Set a loop recording time, so when the time is up, it will start another video, and during this time, it won't be powered off :
	[Off]/[1Min]/[3min]/[5min]
Date stamp	Show the date in the video files :
	[Off]/[date]/[date&time]

➢ **Settings in capture mode**

Menu	Function and options
Resolution	[2560*1920]/[2048*1536]/[1600*1200]/[1280*960]/[640*480]
Quality	Refer to the settings in video mode
Metering	Refer to the settings in video mode
White balance	Refer to the settings in video mode
ISO	The ISO menu allows you to set the level of sensitivity that your camera has to light in the surrounding environment. [Auto]/[50]/[100]/[200]/[400]/[800]
Exposure	Set the exposure value manually to compensate for unusual lighting conditions ：[-2.0]/[-1.7]/[-1.3]/[-1]/[-0.7]/[-0.3]/[0.0]/[0.3]/[0.7]/[1.0]/[1.3]/[1.7]/[2.0]
Sharpness	The sharpness level shows up in the edges of objects

	in the image.
	[Hard]/[normal]/[soft]
Effect	Refer to the settings in video mode
Driver mode	[Off]: off
	[2s]/[10s]: set a delay from the time the shutter button is pressed to the time the image is shot.
	[double]: after 10s' delay, it will take two images per shoot.
	[burst]: take three pictures per shoot
Date stamp	Refer to the settings in video mode

➢ **Settings in playback mode**

Menu	Function and options
Protect	Use this function to protect the files from being deleted by accident.
	[Single]/[protect all]/[un protect all]

Delete	Choose to delete files:
	[Single]/[all]
Slide show	Only for all the images to show together automatically.
	Start: start playing the slide show
	Interval : [1 up to 10sec]
	Transition: [1]/[2] /[3] /[4]/[5]/[mix]
	Repeat :[Yes]/[No]
Photo effect	Set the color effect to add a color tone to the image:
	[B&W] /[Sepia] /[Negative] /[Red] /[Green]/[Blue]
Rotate	Rotate this photo ?
	[Rotate]/[Save]/[Back]
Voice memo	Add a background music for the current file:
	[Add]/[Delete]

Connections

➤ **Connecting to a computer**

There are two ways to download files from the camcorder's internal memory or memory card to a computer:

- By inserting the memory card into a card reader
- By connecting the camera to a computer using the supplied USB cable.

Using a Card Reader

1: Eject the memory card from the camcorder and insert it into a card reader.

2:connect the card reader to the computer.

3: Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the memory card.

3: Copy images from the card into a directory of your choice on the computer's hard disk.

Using a USB Cable

1: Connect the supplied USB cable to the computer's USB port and turn the camcorder on.

2: After the camcorder turning on, the screen will turn bright, and you will see a USB icon on the screen.

3: Open [My Computer] or [Windows Explorer]. A"Removable Disk" appears in the drive list. Double-click the "Removable Disk" icon to view its contents. Files stored on the camera are located in the folder named "DCIM".

4: Copy the files that you want to your computer.

➢ **Connecting the HDTV**

1. Connect the camcorder to HDTV by attached HDMI-cable.

2. Turn on HDTV and switch to HDMI-mode.

3. Turn on the camcorder.

4. After connecting correctly, the screen of the camcorder will darken, but we can see the objects shows on the screen of the HDTV, moreover, we can still use it to record videos, images, and set menus, just the screen is the HDTV.

➢ **Wi-Fi Connecting**

You can use your cellphone/tablet PC in Android or IOS system to control the camcorder through the Wi-Fi function.

Installing

1. Make sure you have installed the software"iSmart DV" in your cellphone or tablet PC(Androids can download from the Play Store , while the IOS downloads from the APP Store).

2. Turn the camcorder on and exit the video recording, then press the **UP** button to enter the Wi-Fi connecting mode ,and it shows the "Waiting For Wi-Fi Connecting" on the screen.

2. Open the Wi-Fi named "ISHARE_000***"（***is the sequence of the camcorder）" and connect it in your cellphone/ tablet PC. The primary password is "12345678"

3. After building up the Wi-Fi connection successfully, a icon" Wi-Fi Connection Ready...!" is shown on the screen of the camcorder.

4. Run the "i Smart DV" . So you can see the objects viewing by your camcorder is shown on your cellphone or tablet PC. And at this time you can control it by your cellphone or tablet PC.

Start :

- Touch the two icon[📹][📷] to switch between video mode and capture mode.

- Touch the icon 🔴 to start recording a movie clip, touch it again to stop recording. And touch the icon 📷 to take a still photo.

Settings:

(It may be different depending on your software version)

Touch the icon you want to set, including self-timer, resolution, white balance.

- Self-timer. set a delay from the time the shutter icon is touched to the time the image is shot. [Off]/[2s]/[10s]

- Photo resolution: [5M]/[3M]/[2M]/[1M]/[VGA]

- Video resolution: [FHD 1080p@30fps]/[HD 720P@60fps]/[HD 720P@30fps]

- White balance:Auto/Daylight/Cloudy/Fluorescent/Incandescent

And we can touch the icon 🔧 to set more options. Continues shooting, white balance, frequency, format camera, and version informations.

- Continues shooting: it will take several photos per shoot as you set. [Off]/[3 photos]/[5 photos] /[10 photos]

5. During using, neigh press the **UP** button of the camcorder nor exit the "iSmart DV"in your cellphone/tablet PC can exit the connections.

➢ **Using the PC camera function**

1. Turn on the camcorder. .

2. Set the USB option in setup menu to [UVCH264] or [UVCMJPG] .

3. Connect the camcorder to a computer by the USB cable. Then there is an icon "PCCAM" will shown on the screen of the camcorder.

4. Open [my computer] and open the file named " USB video tool", then you can use it as a PC camera.

After setting the USB, please do not turn off the camcorder, or you will not make it .

Installing software

➢ **Installing the Software**

The bundled software CD has the drivers and software that come with

video camera. Insert the CD into your CD-ROM drive and open it, then double click the "start", so it will pop up an installation MENU as below:

• Install MAGIX Video easy SE- Install software for editing video clips.

• Install MAGIX Photo Manager - Install software for editing pictures.

Click the items and follow the on-screen instructions to install the software.

Notes:

1.Open MAGIX Video easy SE or MAGIX Photo Manager , you have to register the software at first, then use program without any time limit.

2. Don't forget to choose the Quick Time Player during installing MAGIX Video easy SE.

3. MAGIX Video easy SE and MAGIX Photo Manager 10 are only supported in Windows XP, Vista, Windows 7, Windows 8 platforms.

Specification

Sensor	5.0 Mega Pixel CMOS Sensor
Operation modes	Video record, Capture record, Playback mode
Shutter	Electronic
LCD screen	1.5" TFT Screen
Storage	TF card (up to 32G)
Resolution	Video:[1920*1080@30fps]/[[HD 720P@60fps]] /[HD 720P@30fps] Image:[2560*1920]/[2048*1536]/[1600*1200]/ [1280*960]/[640*480]
Continue shoot	3 Frames per shoot
ISO	Auto/50/100/200/400/800
Exposure	-2EV~ +2EV

White balance	Auto/Daylight/Cloudy/Tungsten/Fluor H
File format	Image:JPG
	Video:MOV
Battery	Lithium-ion battery
Speaker	Build in
Microphone	Build in
Dimension	82*47.2*27.1(mm)
Weight	About 75 g